bs-14631R **[Primary Antibody]**

ERV31 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2086 **SWISS:** Q14264

Target: ERV31

Immunogen: KLH conjugated synthetic peptide derived from human ERV31: 411-510/604.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

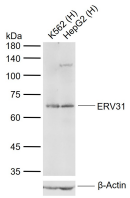
Background: Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. This endogenous envelope protein has lost its fusogenic properties. It can inhibit cell growth through decrease expression of cyclin B1 and increased expression of p21 in vitro. SU mediates receptor recognition.
TM anchors the envelope heterodimer to the viral membrane through one transmembrane domain. The other hydrophobic domain, called fusion peptide, mediates fusion of the viral membrane with the target cell membrane.

Applications: **WB** (1:500-2000)

Reactivity: Human

Predicted MW.: 66 kDa

VALIDATION IMAGES



Sample: Lane 1: Human K562 cell lysates Lane 2: Human HepG2 cell lysates Primary: Anti-ERV31 (bs-14631R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 66 kDa Observed band size: 66 kDa